Mutation Research, 137 (1984) 139
Elsevier

Contents

Volume 137 (1984)

Biological effects of dyes on bacteria
VI. Mutation induction by acridine orange and methylene blue in the dark with special reference to *Escherichia coli* WP6 (*polA1*) (MTR 00886)
by Robert B. Webb and Bruce S. Hass (Argonne) 1-

Lack of mutagenicity of synthetic pyrethroids in *Salmonella typhimurium* strains and V79 Chinese hamster cells (MTR 00885)
by Mathieu Pluijmen, Cecile Drevon, Ruggero Montesano, and Christian Malaveille, Agnès Hautefeuille, Helmut Bartsch (Lyon) 7-

Genotoxicity of apomorphine and various catecholamines in the Salmonella mutagenicity test (Ames test) and in tests for primary DNA damage using DNA repair-deficient *B. subtilis* strains (Rec assay) (MTR 00887)
by W. Suter and I. Matter-Jaeger (Basle) 17-

Mutagenicity of some synthetic quinolines and quinoxalines related to IQ, MeIQ or MeIQx in Ames test (MTR 00890)
by Spiros Grivas and Margaretha Jägerstad (Uppsala and Lund) 29-

Effects of amount and type of agar on the number of spontaneous revertants in the Ames test (MTR 00891)
by W.K. de Raat, M.I. Willems and F.A. de Meijere (Delft and Zeist) 33-

The effect of acetyl-CoA supplementation on the mutagenicity of benzidines in the Ames assay (MTR 00892)
by James C. Kennelly, Caroline A. Stanton and Carl N. Martin (York) 39-

Induction of gene conversion and reverse mutation by manganese sulphate and nickel sulphate in *Saccharomyces cerevisiae* (MTR 00889)
by Indira Singh (Hissar) 47-

Evaluation of the genotoxicity of cresols using sister-chromatid exchange (SCE) (MTR 00894)
by M. Cheng and A.D. Kligerman (Research Triangle Park) 51-

Inhibition of the mutagenicity of benzo[*a*]pyrene in the V79/HGPRT system by bioantioxidants (MTR 00893)
by Yu. V. Paschin and L.M. Bahitova (Moscow) 57-

Genetic effects of isoniazid and the relationship to in vivo and in vitro biotransformation (MTR 00895)
by R. Braun, H.-P. Jäkel and J. Schöneich (Gatersleben) 61-

The mutagenicity on *Salmonella typhimurium* of nitrobenzoic acids and other wastewater components generated in the production of nitrobenzoic acids and nitrotoluenes (MTR 00896)
by Annica Sundvall, Håkan Marklund and Ulf Rannug (Stockholm) 71-

Lack of mutagenicity of diphenylhydantoin in in vitro short-term tests (MTR 00898)
by A. Léonard, C. de Meester, L. Fabry, L. de Saint-Georges and P. Dumont (Mol and Louvain) 79-

Mutagenicity of hexachlorobutadiene, perchlorobutenoic acid and perchlorobutenoic acid chloride (MTR 00900)
by D. Reichert, T. Neudecker and S. Schütz (Würzburg) 89-

Non-mutagenicity of 27 aliphatic acrylate esters in the Salmonella-microsome test (MTR 00902)
by T.H.J.M. Waegemaekers and M.P.M. Bensink (Nijmegen) 95-10

Induction of chromosomal aberrations in cultured Chinese hamster cells by short-term treatment with cadmium chloride (MTR 00897)
by Takafumi Ochi, Masayuki Mogi, Mitsuo Watanabe and Motoyasu Ohsawa (Kanagawa) 103-

Induction of sister-chromatid exchanges in vivo in mice by the mycotoxins sterigmatocystin and griseofulvin (MTR 00901)
by Patrick T. Curry, Robert N. Reed, Robert M. Martino and Robert M. Kitchin (Laramie) 111-

Mutagenicity of some intercalating agents in Chinese hamster V79 cells (MTR 00899)
by M.R. O'Donovan (Nottingham) 117-

Mutagenic activation of 3-amino-1,4-dimethyl-5*H*-pyrido(4,3-*b*)indole (Trp-P-1) and 3-amino-1-methyl-5H-pyrido(4,3-*b*)indole (Trp-P-2) by primary cultures of adult rat hepatocytes: Effect of Aroclor induction in vitro (MTR 00903)
by F. Decloître, G. Hamon, M. Martin and V. Thybaud-Lambay (Villejuif) 123-

Bacterial reversion assay and micronucleus test carried out on hydrogenated glucose syrups 'Malti-Towa' (powder) and maltitol crystal (MTR 00904)
by Yukio Takizawa and Noriyuki Hachiya (Akita) 133-

Contents, Vol. 137 (1984) .....

0165-1218/84/$03.00 © 1984 Elsevier Science Publishers B.V.